# AVerTV for Mac

## User Manual

Version 2.0

2008-12-09

AVerMedia®

DISCLAIMER

All the screen shots in this documentation are only example images. The images may vary depending on the product and software version. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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# Introduction

Thanks for purchasing **AVerTV for Mac**!! This powerful application allows you to watch TV, listen to the radio, create slide shows, record favorite programs and enjoy various features on your Mac. With our easy-to-use remote control, you will discover more fun from your Mac. Turning your computer system into a media center is just that simple!

This Chapter will introduce the essential information of **AVerTV for Mac** to you. Please do read this chapter carefully before using the application.

Please be noted the functions and images may vary depending on the product you purchased and the area you're living.

# System Requirements

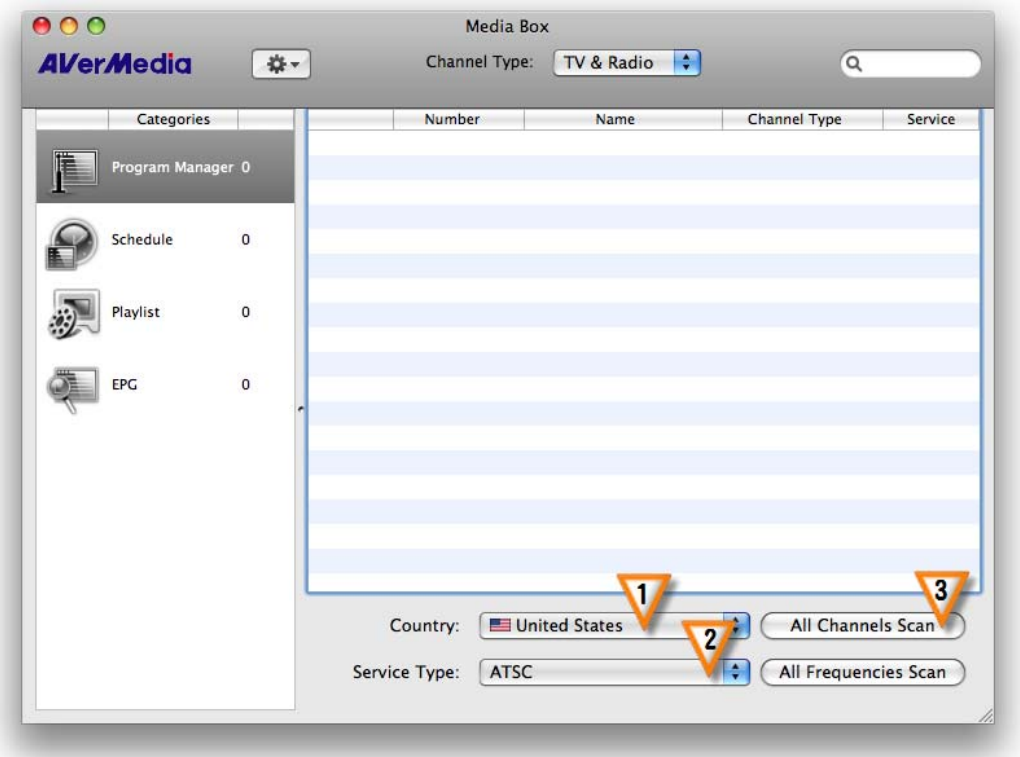
System requirements are described in detail below. Before using AVerTV for Mac, make sure your Mac meets all the requirements addressed below.

- Processor: Macintosh® computer with a Intel Core processor
  For watching MPEG-2 HDTV: Macintosh® computer with a Intel Duo Core processor
- Operating System: Mac OS X v10.4 (or later)
- Memory: 512 MB of physical RAM or above
- Hard Disk: 300 MB of available hard-disk space
- Drives: CD-ROM drive (or connection to a local area network if installing over a network)

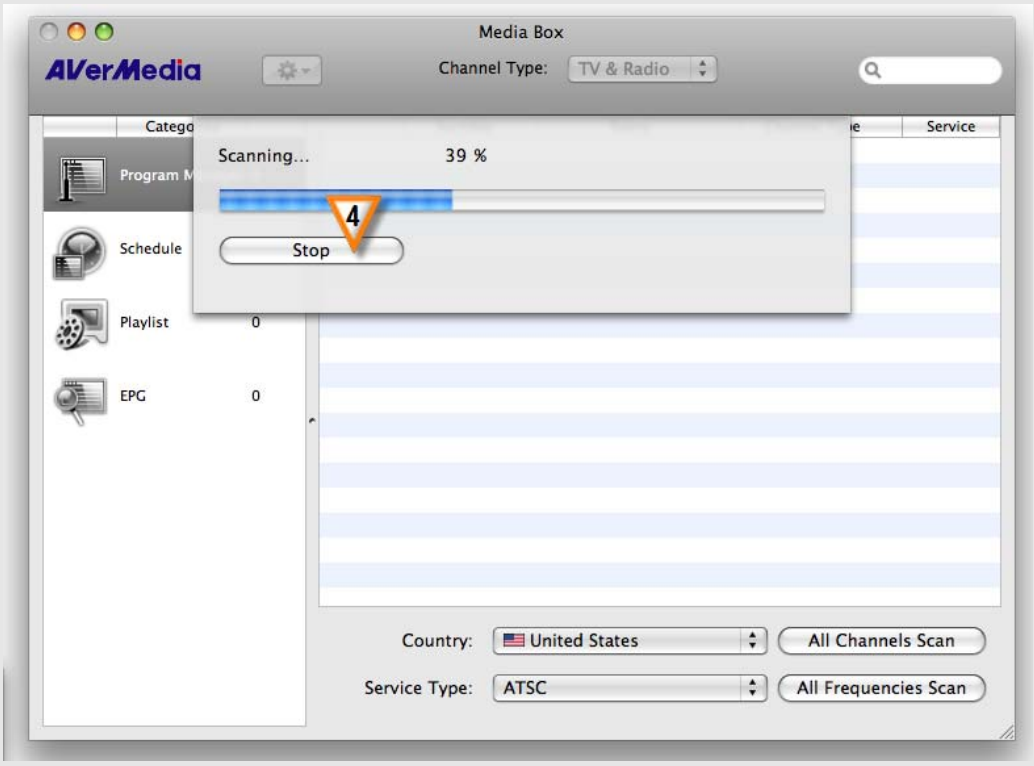
# Running AVerTV for Mac for the First Time

Go to the folder where the AVerTV for Mac was installed and double-click on the AVerTV icon, the AVerTV for Mac will be launched.

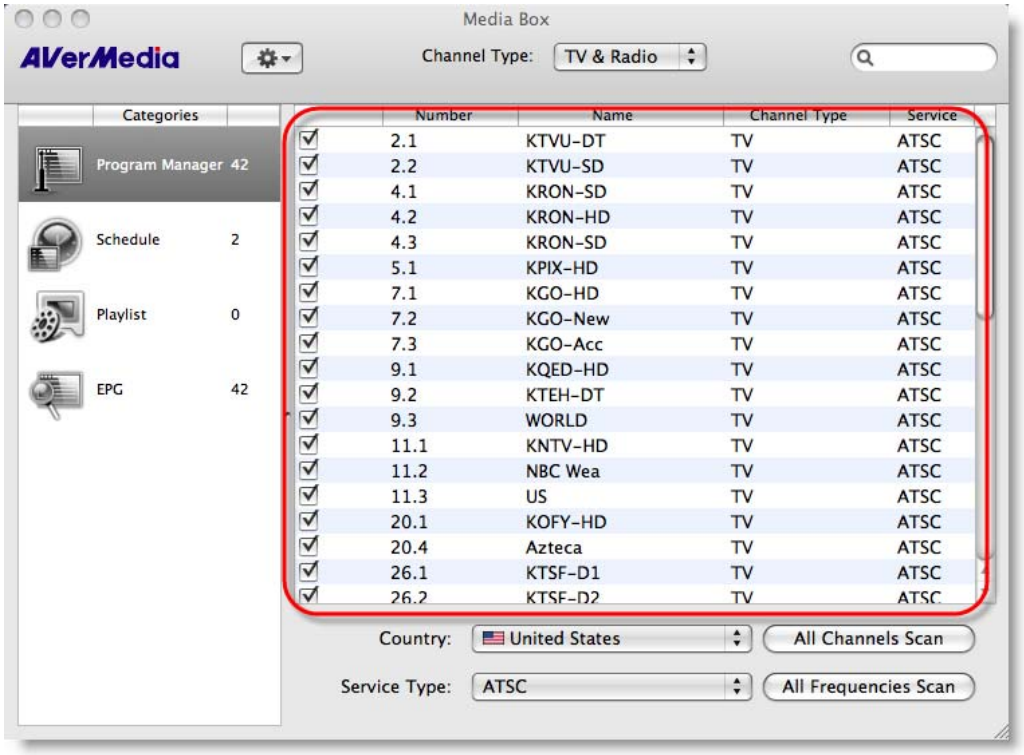
When you run the AVerTV for Mac for the first time, the "Media Box" will automatically appear.




1. From the Country drop-down menu, select your country or region.
2. Select an available Service Type.
3. Click **All Channels Scan** to start searching channels.
4. If you want to terminate the searching process, just click **Stop**.




5. After scanning, new active channels/programs will be memorized and listed in the right pane of the dialog box.




6. Close the "Media Box" window and the TV window will appear.

# Introducing the User Interface

There are 3 types of control panel: Horizontal, Vertical and Combined. You can click on **Select Control Panel** from the **Window** menu to select.

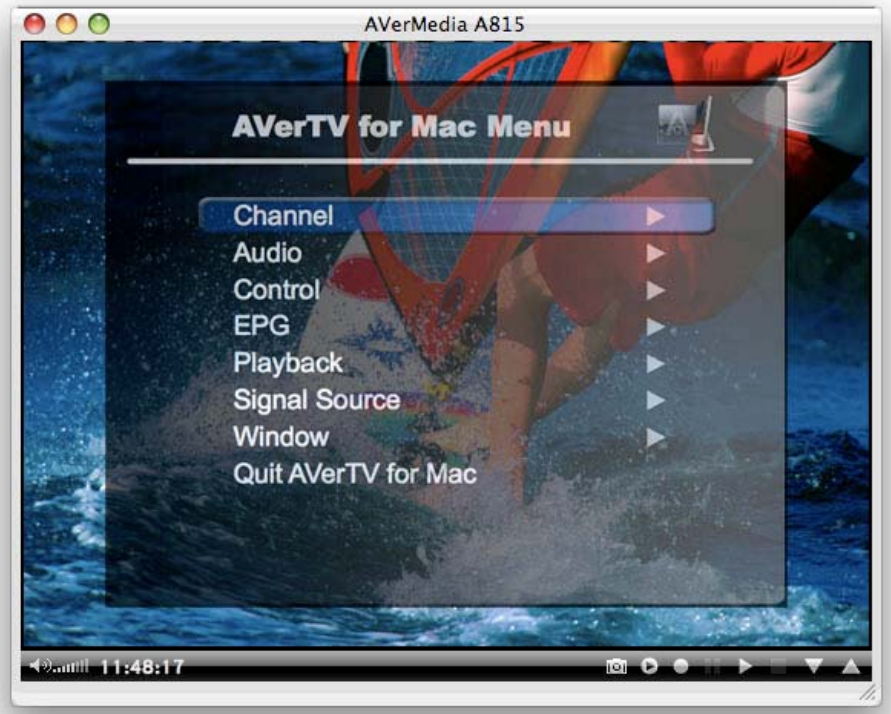
## Combined

1. Mute
2. Volume
3. Time Info
4. Snapshot
5. TimeShift
6. Record
7. Pause
8. Play
9. Stop
10. Channel Down
11. Channel Up
12. Resize Window

## Horizontal and Vertical

1. Power
2. Open Playlist
3. Mute
4. Play Previous File
5. Channel Info
6. Play Next File
7. Current time
8. Snapshot
9. Volume
10. TimeShift
11. Record
12. Pause
13. Play
14. Stop
15. Channel Down
16. Channel Up

# On Screen Menu




AVerTV offers you an alternative operating method, press **MENU** button on the Apple Remote to display the on screen menu. Use + and - buttons to move the selection and ⏭ button to enter the submenu, ⏮ button to exit the submenu. Press ⏯ button to execute the selection or enter the submenu (if available).

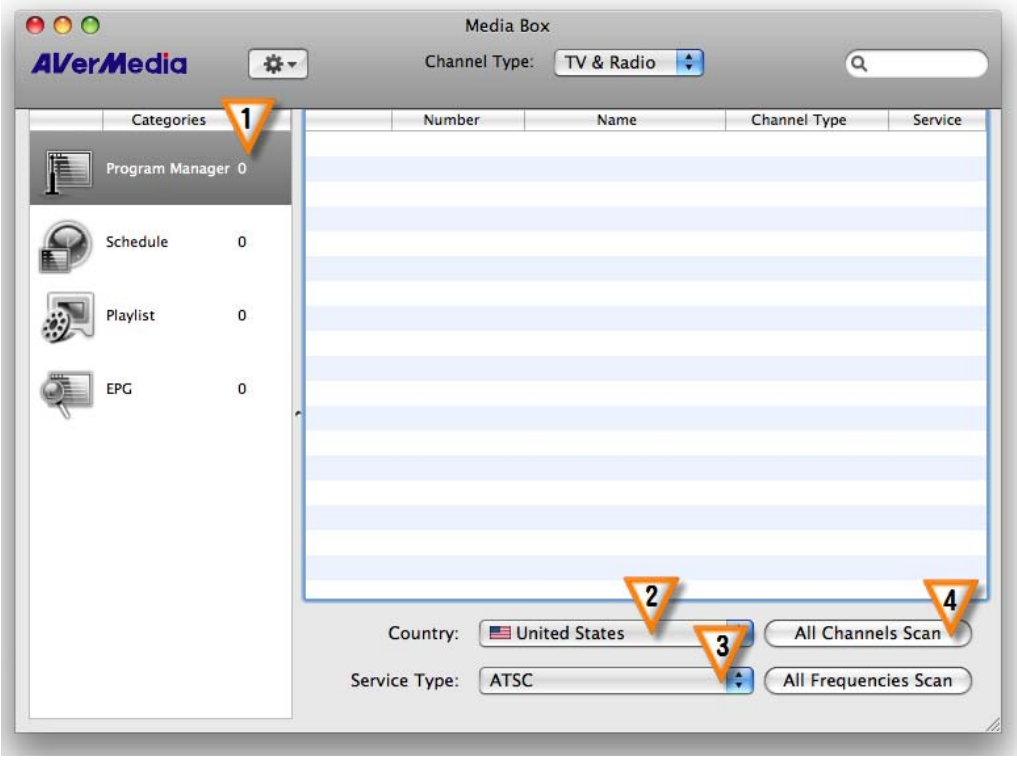
| Menu | Description |
|---|---|
| Channel | Enter the channel list to switch channels. |
| Audio | Enter the Audio submenu to switch between available audio modes. |
| Control | Enter the Control submenu to record, TimeShift, Snapshot the current program or turn on the closed caption/subtitle/Teletext function. |
| EPG | Enter the EPG submenu to display the selected program information. |
| Playback | Enter the Playback submenu to play/stop an existing file or enable/disable the PIP function. |
| Signal Source | Enter the Signal Source submenu to switch between available signal |

| | |
|---|---|
| | sources. |
| Window | Enter the Window submenu to adjust the image size to full screen, adjust the image with keep aspect ratio, or enable the overscan function. |
| Quick AVerTV for Mac | Close the AVerTV application. |

# TV

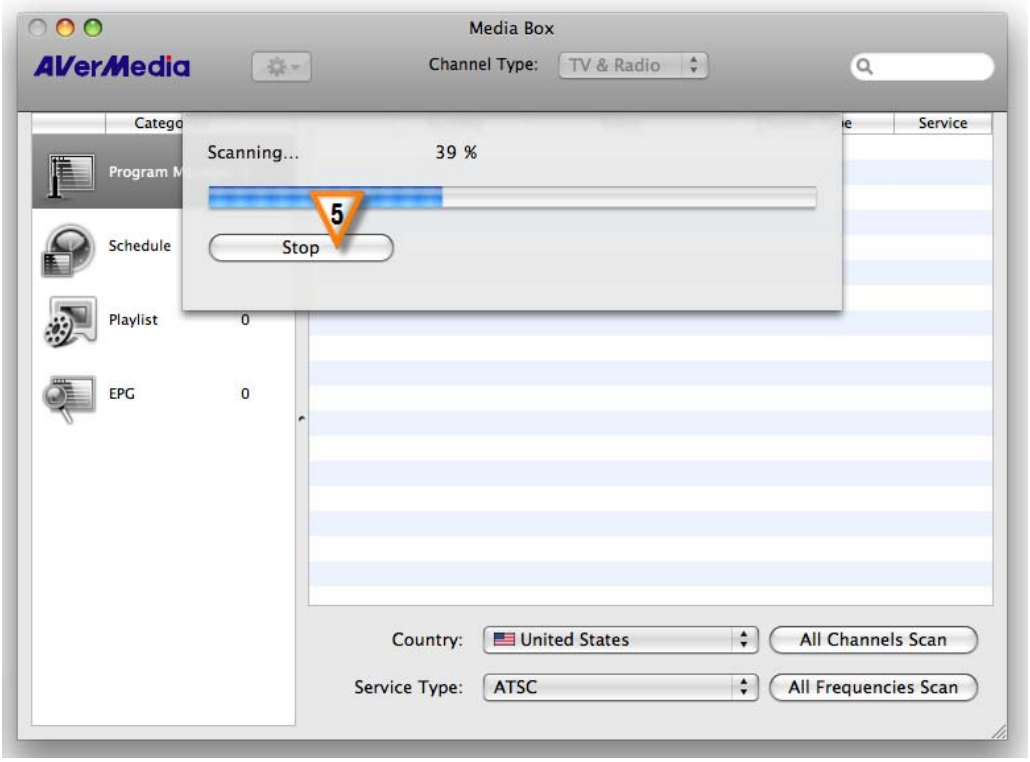
## Scanning Channels

If you haven't done channel scanning when you first run the application, or want to rescan the channels, follow the steps to complete this procedure.

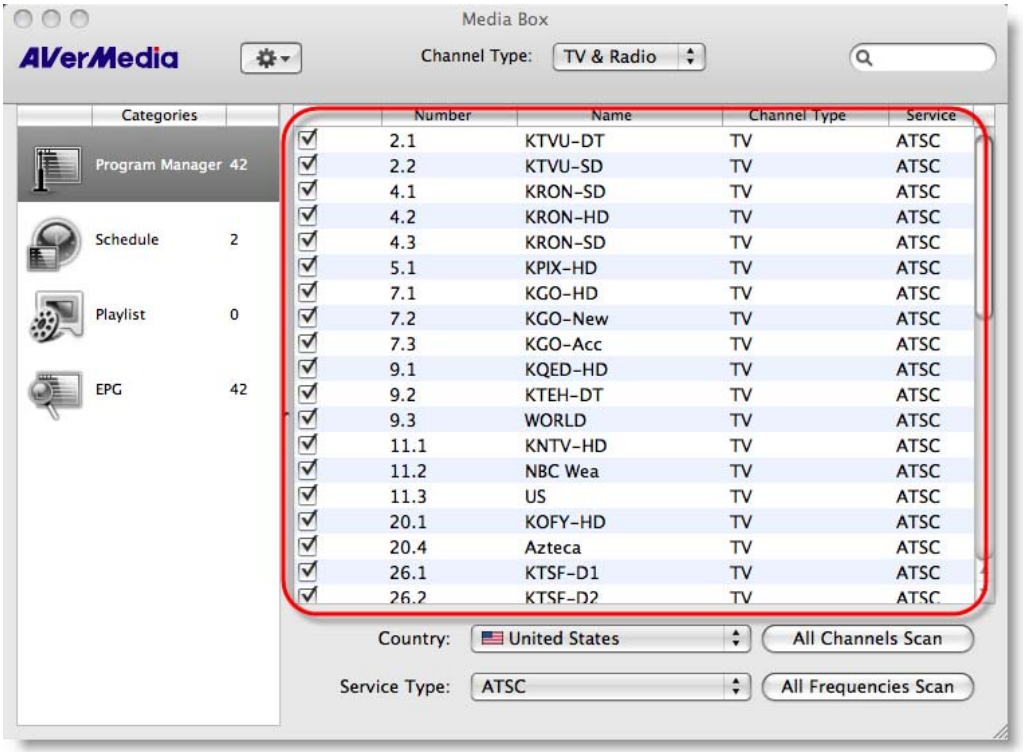



1. Go to Program Manager.
2. From the **Country** drop-down menu, select your country or region.
3. Select an available **Service Type**.
4. Click **All Channels Scan** to start the searching process.

5. If you want to terminate the searching process, just click **Stop**.




6. After scanning, new active channels/programs will be memorized and listed in the left pane of the dialog box.




7. Close the "Media Box" window and the TV window will appear.

The application comes with a default frequency table; therefore, the application will use this table to search for active channels/programs.

**button contains more function:**

**Rename: To change the selected channel name.**

**Reset Channel Number: To change the selected channel number**

**Manual Add Channel: To add a channel by entering the channel frequency and shorten the channel scan.**

**Enable Selected Channels: To activate the channels when switching channels.**

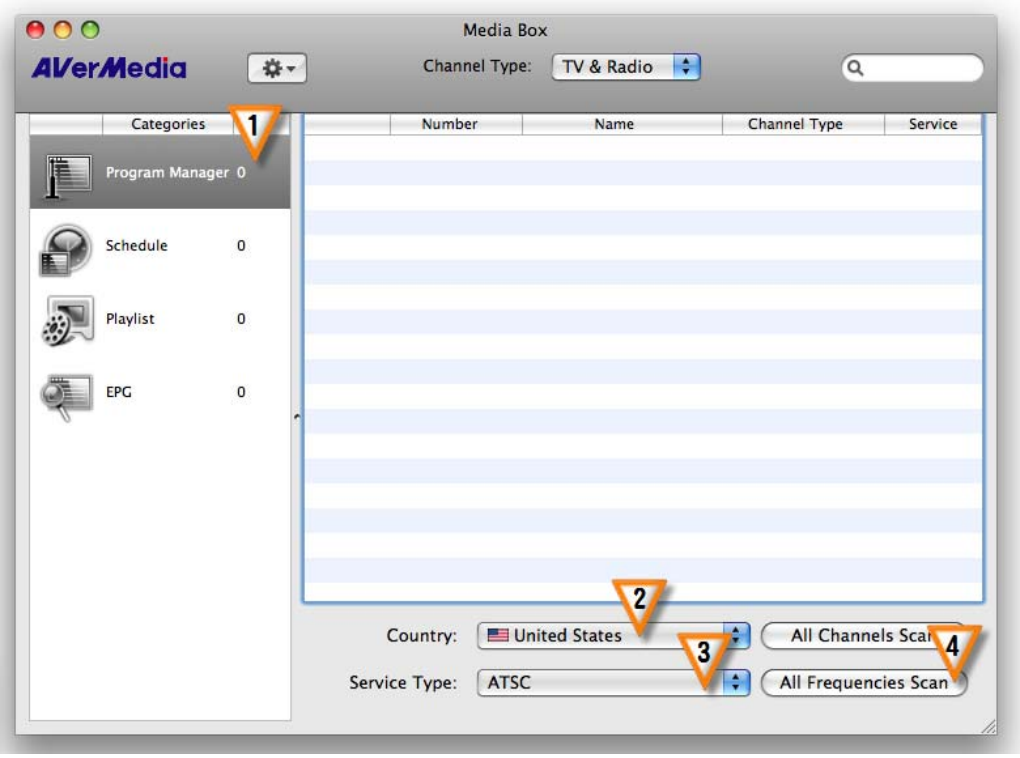
**Disable Selected Channels: To skip the unwanted channels when switching channels temporarily.**

**Remove Selected Channels: To delete the unwanted channels.**

# Scanning Channels (for Advanced Users)

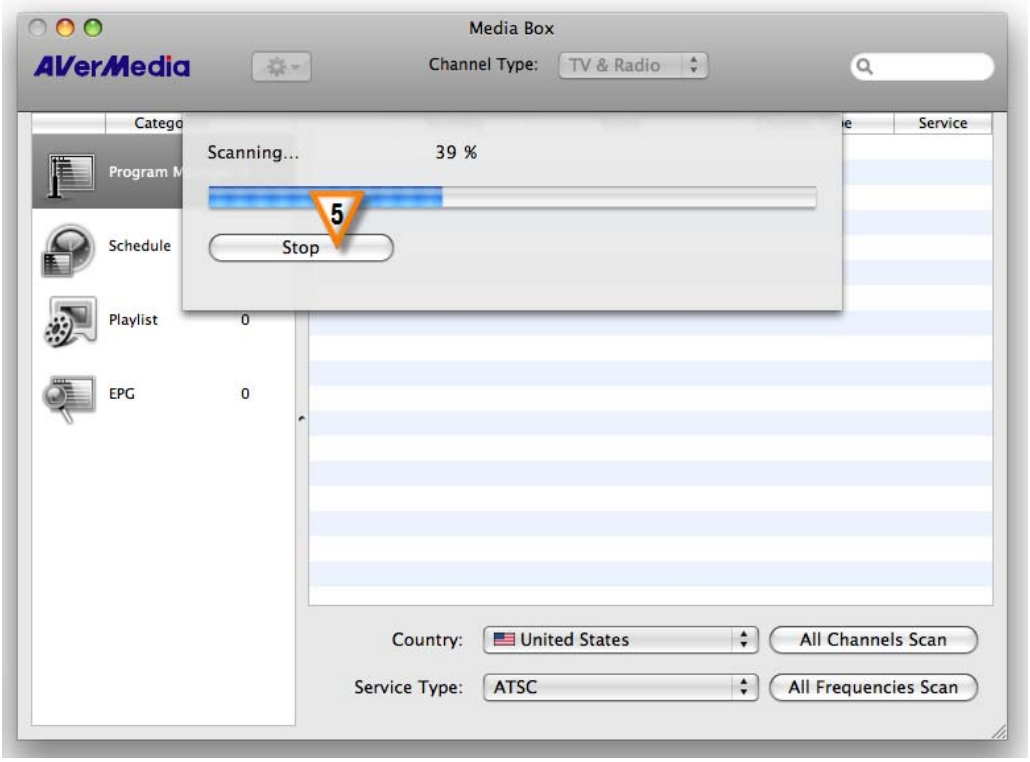
## All Frequencies Scan

We recommend using the **All Channel Scan** function first. If there are channels missing after you perform **All Channels Scan**, use **All Frequencies Scan** function and repeat the searching process.

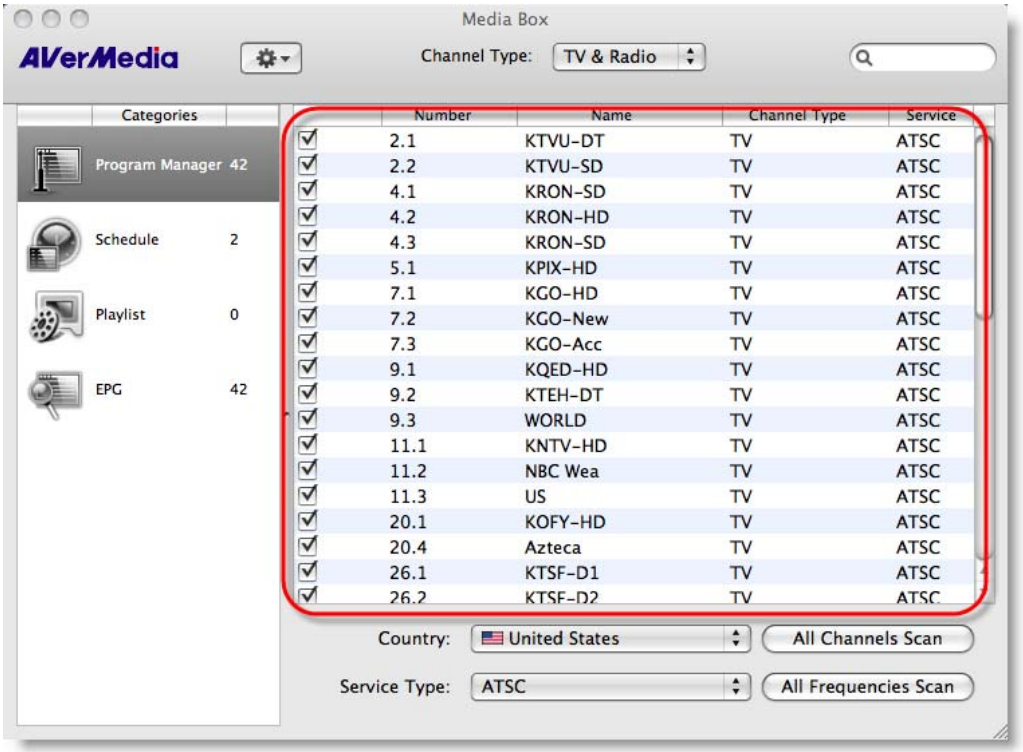



1. Go to Program Manager.
2. From the **Country** drop-down menu, select your country or region.
3. Select an available **Service Type**.
4. Click **All Frequencies Scan** to start the searching process.

5. If you want to terminate the searching process, just click **Stop**.

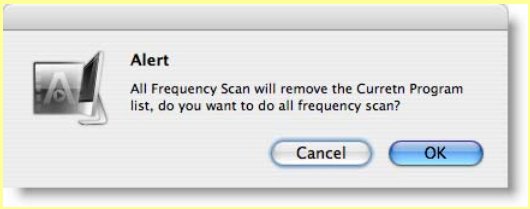



6. After scanning, new active channels/programs will be memorized and listed in the left pane of the dialog box.




7. Close the "Media Box" window and the TV window will appear.

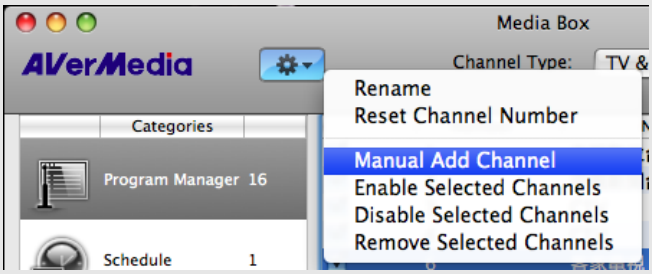
If an alert about removing action shown on the screen, it means to execute the scanning process will replace the existing program list. Click **OK** to continue or click **Cancel** to stop the rescanning.



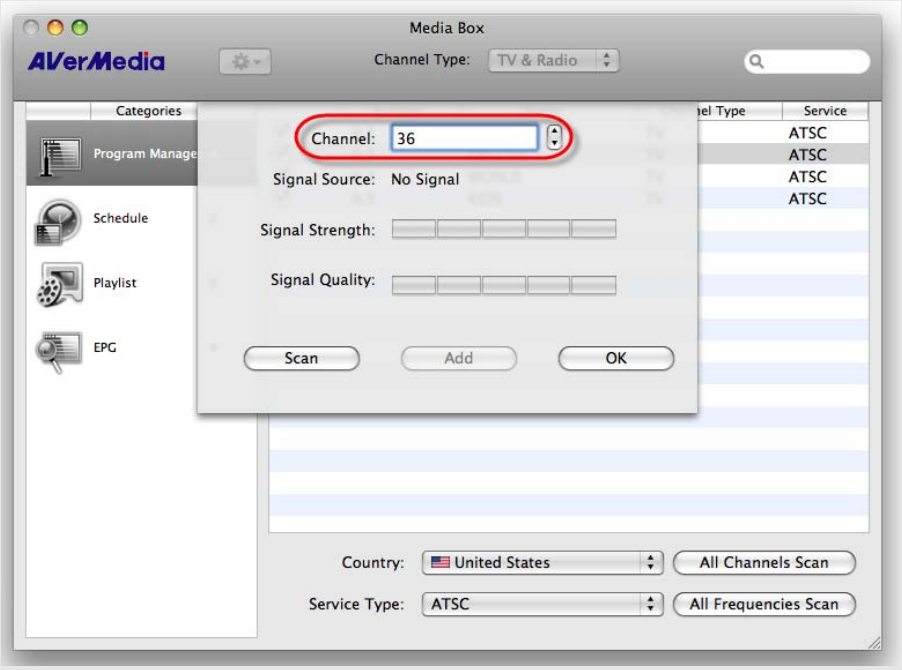

## Manual Add Channel

If you already know a particular channel number for your local transmitter, use **Manual Add Channel** function to add it by entering the channel numbers and shorten the channel scan.

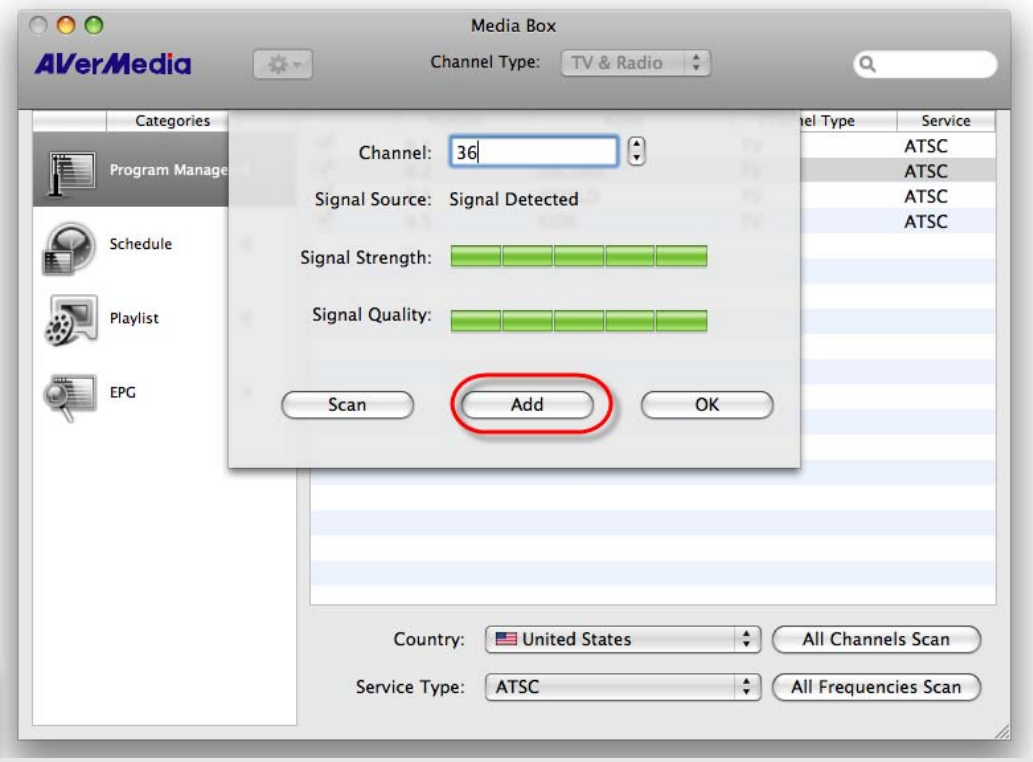
1. Click in the Media Box.
2. Select **Manual Add Channel**.




3. Enter the channel frequency that you want to start scanning and press **Scan**.



4. Click **Add** to save the scanned channel.




5. Click **OK** to exit the window.

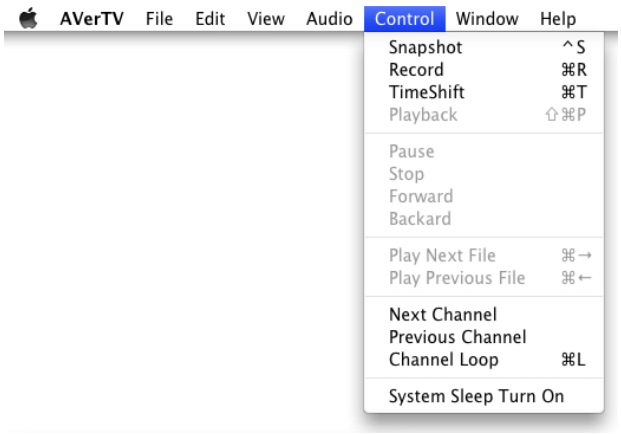
# Watch TV

Use control panel or menu to control TV watching.

## Operate by Control panel

1. Use **Channel Down** and **Channel Up** buttons to go to the next upper or lower active channel.

## Operate by Control menu




- **Previous Channel**

Go to the next lower active channel.

- **Next Channel**

Go to the next upper active channel.

- **Channel Loop**

Return to previously accessed channel.

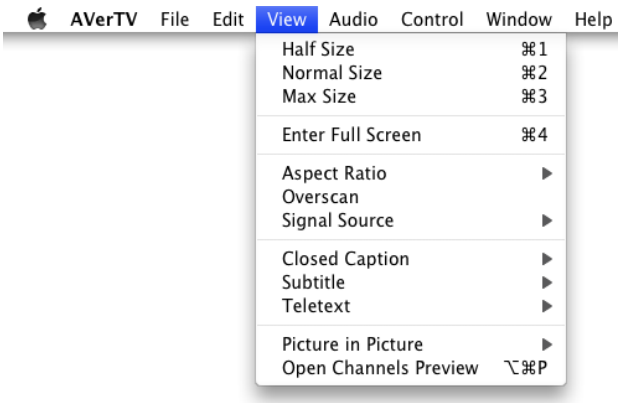
## Switching Channel by Keyboard

You may use the numeric keypad to switch channels. After you type a number, the correlated channel will be highlighted with a light bar on the On Screen Menu. Press Enter to confirm your selection.

# Channel Preview

The Channel Preview function can display 4, 9 or 16 consecutive TV channels on-screen at the same time. You can see clearly which TV programs are currently showing on these channels. To display a channel on the TV Monitor window, select any one of the channels on-screen and double-click on that channel, you will then be tuned in to that channel. Select a channel and click your mouse to view it only and freeze the other channels.

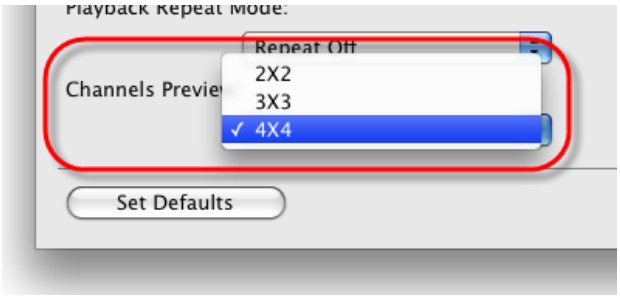
To start the Channel Preview function, point to **View>Open Channels Preview**.



## Setting the Channel Preview

1. Click **Genral**

icon in the **Preference** pane.
2. Select desired number of channels to preview.




4 channels preview

9 channels preview

16 channel preview

# TimeShift

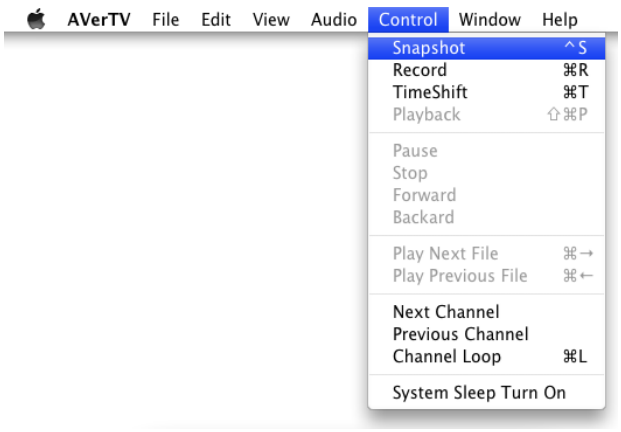
The TimeShift function performs background recording of a TV/Radio program, and lets you return and watch any part of the recorded program. At the same time, the live TV/Radio program continues to be recorded and played back so you won't miss any part of the show. You can also advance forward to skip commercials or rewind to replay scenes one more time.

- **TimeShift Controls**

## Operate by Control panel

1. Use button to start timeshift.
2. Click button to temporarily freeze the playback.
3. Click button to terminate recording and return to the live program

## Operate by Control menu




### Pause

To temporarily freeze the playback.

### Stop

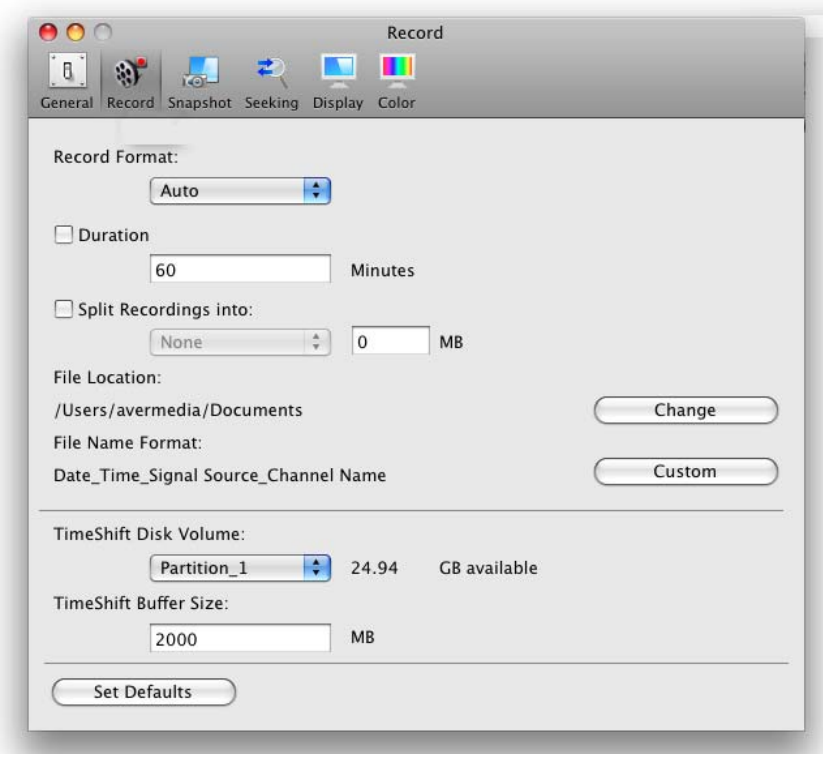
To terminate the recording and return to the live program.

### TimeShift

Start TimeShift function.

## TimeShift Setting

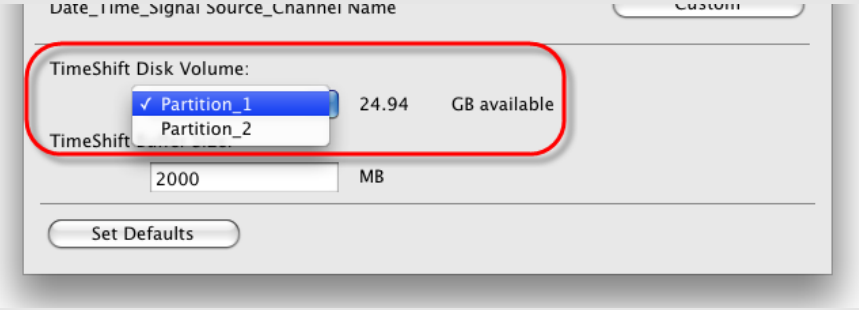
Before you start using the TimeShift function, first check its recording settings to see if they fit your needs.



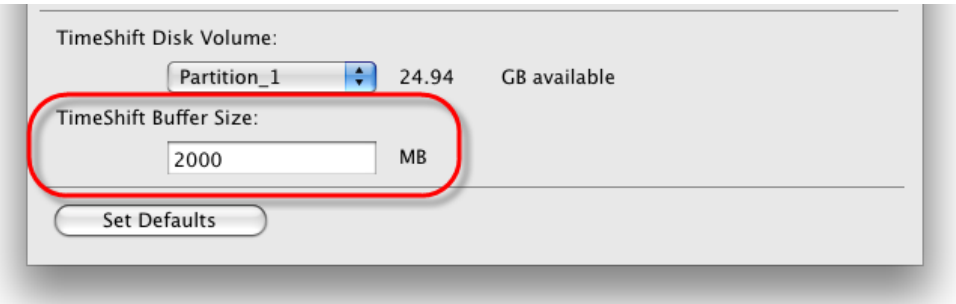

1. Click **Record**

icon in the **Preference** pane.

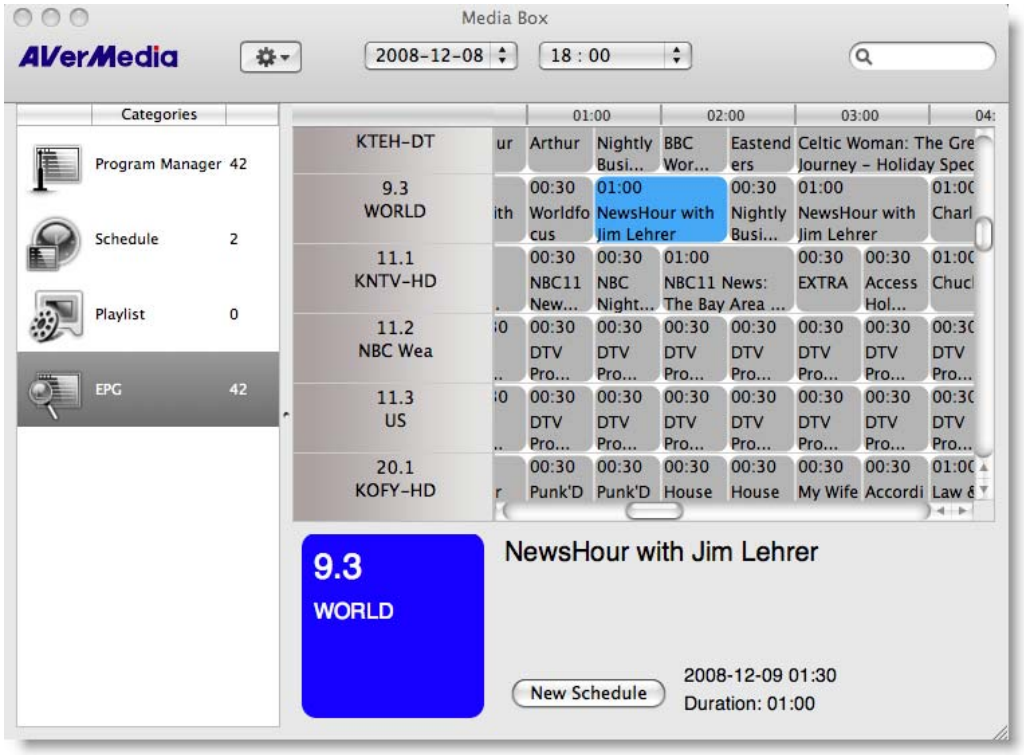
2. By default, TimeShift performs recording of the TV program by creating a temporary video file and deletes this file once you click the **Stop** button.
3. In the **TimeShift Disk Volume** section, you can determine desired disk volume to save the TimeShift file.




4. In the **TimeShift Buffer Size** section, you can determine the buffer size. The default value is 2000MB, and the minimum size is 200MB.



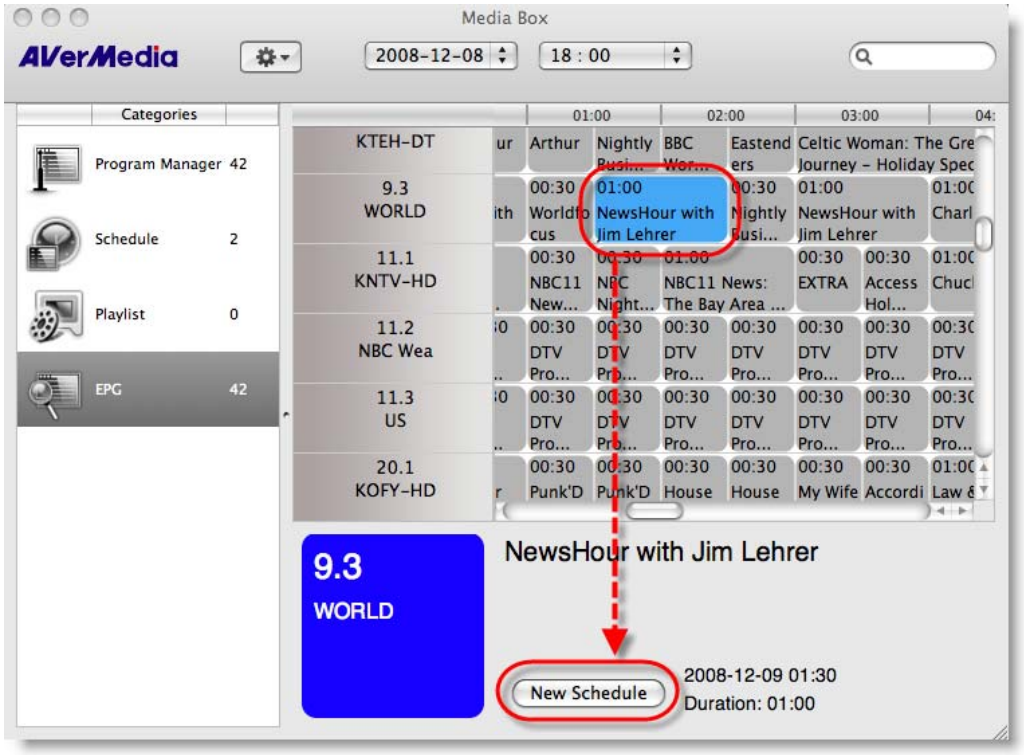
# Using the EPG Function



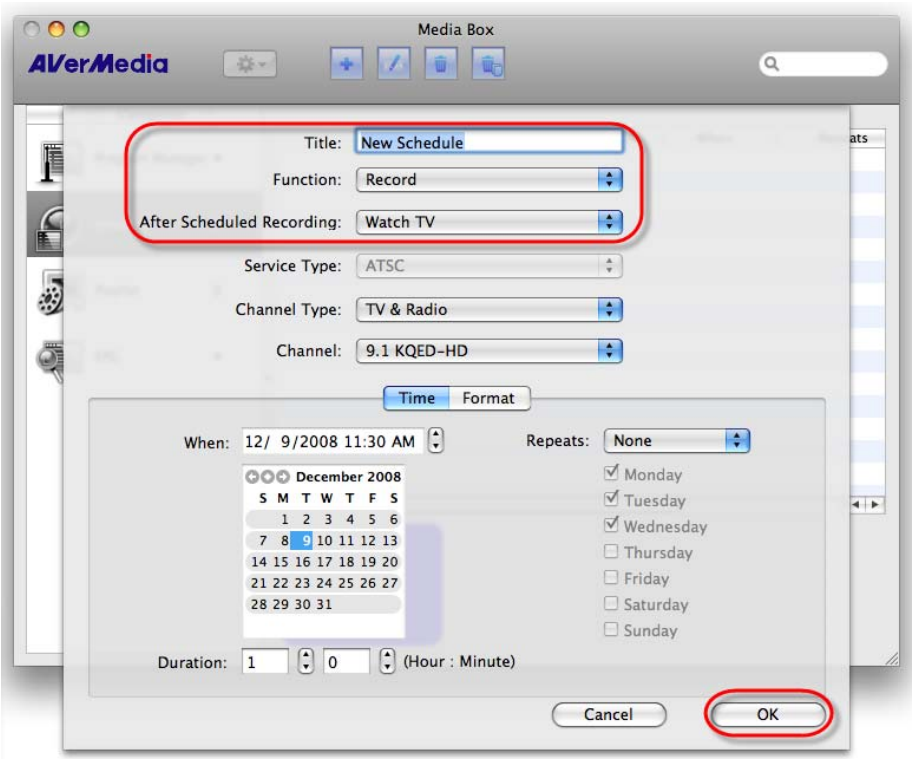

Electronic Program Guide (EPG) is a service that allows you to check the succeeding program schedule and even the program schedules of the whole week. If the EPG service is provided in your region/country, simply click the **EPG** button in the **Preference** pane, or point to menu **File>Open EPG** to open the **EPG** window.

First, select the desired date and time from the drop-down menu and the *EPG* window will display the schedule for the day.

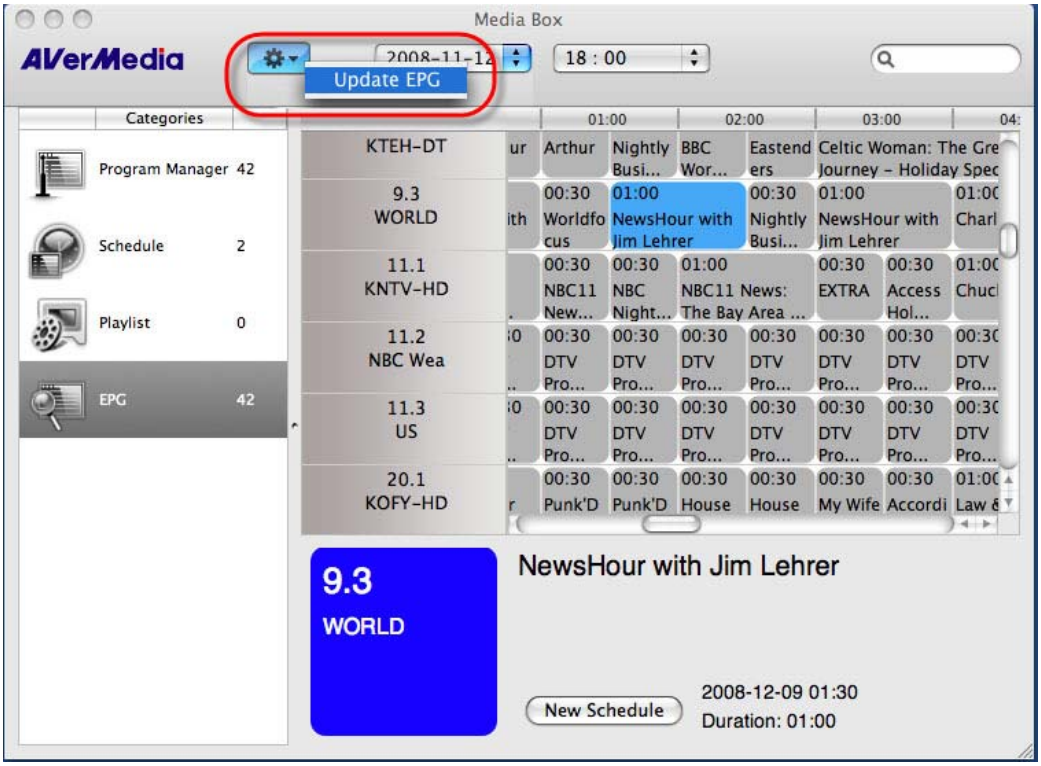
Our *EPG* window also allows you to preset a schedule for watching or recording programs. Just select your favorite programs and click **New Schedule** button, the system will execute your command on schedule.




The program time data will be automatically set. Input the schedule name in **Title**, select the action in **Function** and **After Scheduled** option and click **OK**.




If you want to download the latest program schedule, click the button and select **Update EPG** button.

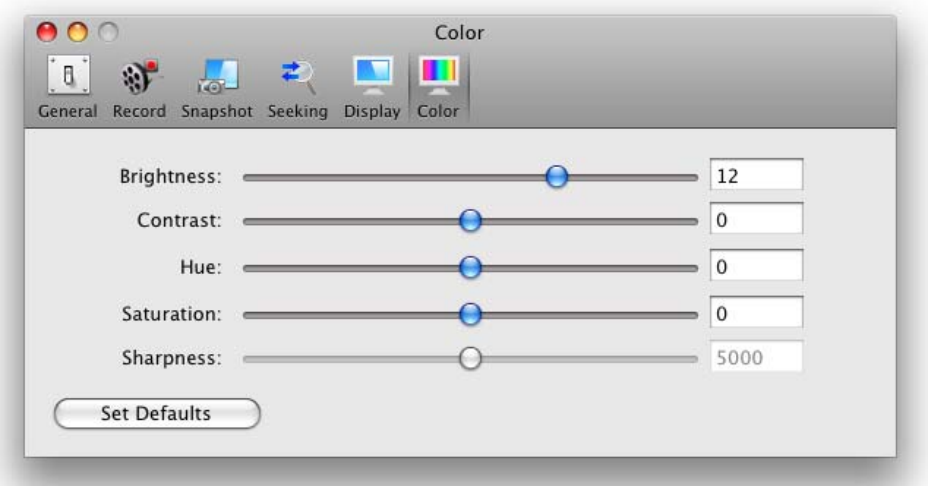



## Fine Tuning Color of the Display

If the color or picture quality of the TV displays needs to be adjusted, please do the followings.

1. Click **Color**

icon in the **Preference** pane.




2. Then you can adjust the **Brightness**, **Contrast, Hue, Saturation and Sharpness** with sliders until you get an accurate color.
3. If you want to revert to default settings, just click **Set Defaults** button.

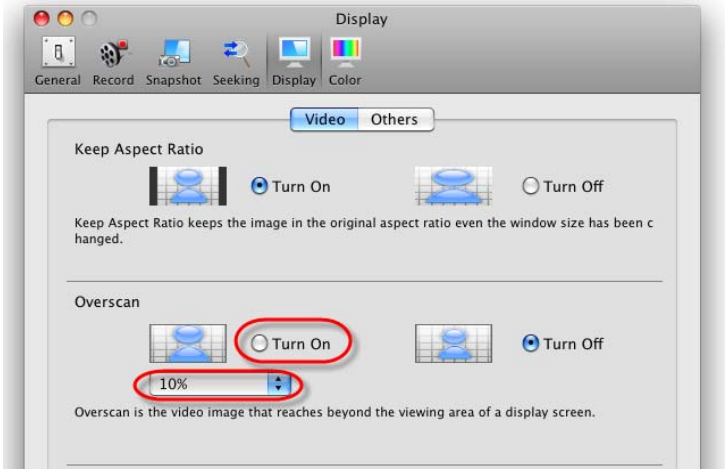
# Using the OverScan function

On some broadcast channels, you might see distorted lines or black spaces on the top, sides, or bottom of the screen. These video artifacts device from the source signal, and can be masked using the **OverScan** feature.

To hide the edges of the picture:

1. Click the **Display**

icon in the **Preference** pane.
2. Specify an appropriate number (1~20%).
3. Select **Turn On** to enable the Overscan function or **Turn Off** to disable it.




Another way to enable and disable the Overscan function is point to menu **View>Overscan**.

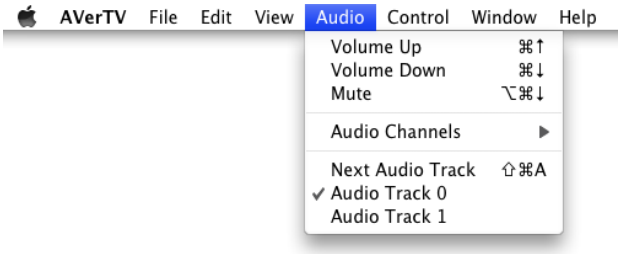
You can see the difference from the pictures below:

Before using OverScan function

After using OverScan function

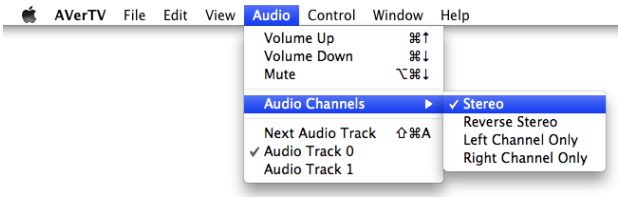
## Adjusting Volume

On the Control Panel, click and drag your mouse over the **Volume** meter in the control panel to increase or decrease the volume level.




Point to menu **Audio>Volume Up** to increase the volume level. Or point to menu **Audio >Volume Down** to decrease the volume level. Point to menu **Audio>Mute** to turn off/on the sound. .

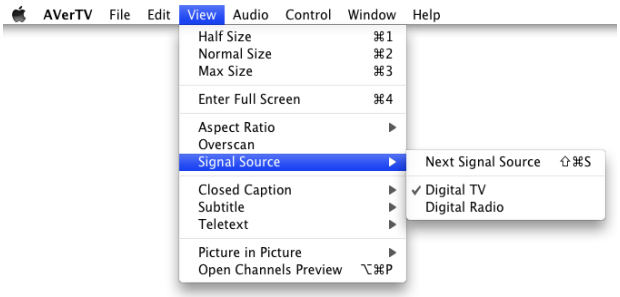
## Changing Audio Channels




Select **Stereo**, **Reverse Stereo, Left Channel Only** or **Right Channel Only** in the **Audio Channels** for change the audio output type. Click **Next Audio Track** to switch between available audio tracks or select the desired audio track directly.

## Change Signal Source

1. Point to the menu **View>Signal Source.**



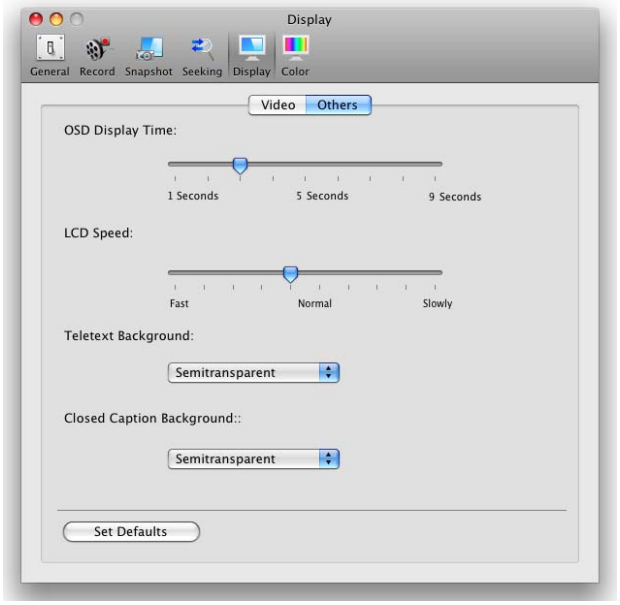

2. Click **Next Signal Source** to switch between available signal sources. Or select the desired source directly.

## Changing the OSD Attributes

To change the on screen display in the TV window, do the following:

1. Click on the **Display**

icon in the **Preference** pane.
2. Click **Others button**.




Choose a desired OSD display time by dragging the **OSD Display Time** slider bar

Drag the **LCD Speed** slider bar to set the

speed of marquee.

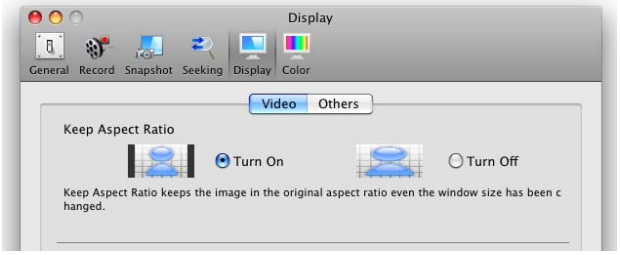
To set the Teletext and Closed Caption background color to Transparent, Semitransparent or Opaque, click the drop-down menu in **Teletext Background** and **Closed Caption Background** section.

## Changing Display Aspect Ratio

Aspect ratio indicates the ratio of the width of an image to its height. To switch the aspect ratio of the display, do the following:

1. Click on the **Video**

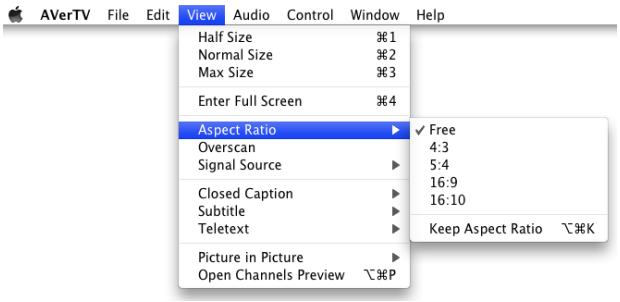
icon in the **Preference** pane.
2. Click **Video** button.




3. In the **Keep Aspect Ratio** section, choose **Turn Off** to extend the video. Or select **Turn On** to preserve the original width and height of an image.

OR

1. Point to menu **View>Aspect Ratio**.




2. Select the aspect ratio of home video you want.

**4:3** and **16:9** is the two most common aspect ratio of home video. You can choose **Free** to adjust the aspect ratio as you want. Or select **Keep Aspect Ratio** to preserve the original width and height of an image.

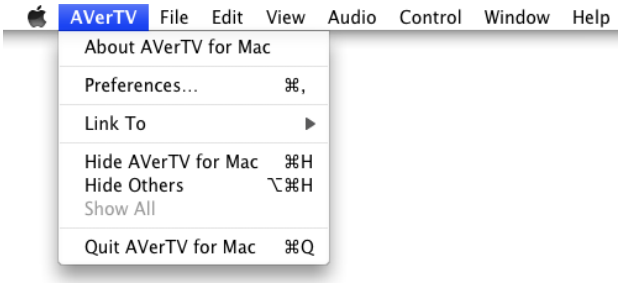
You can see the difference from the pictures below:

- **Normal**

### Keep Aspect Ratio

## TV Window Controlling

You can minimize the AVerAP window to the dock/unhide the AVerTV for Mac window, hide all other application windows expect AVerTV for Mac or close AVerTV for Mac application from the AVerTV menu.




### Hide AVerTV for Mac

Minimize the AVerTV for Mac window to the dock.

### Hide Others

Hide all windows except AVerTV for Mac .

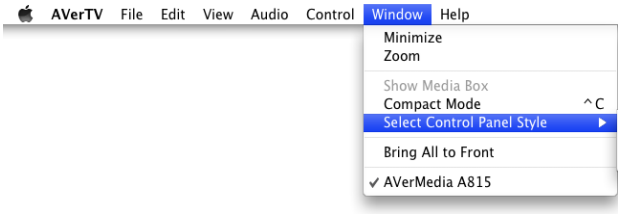
### Show All

Show all windows in hiding.

### Quit AVerTV for Mac

Close the AVerTV for Mac application.

## Other Layout Controlling in Window Menu




### Minimize

Minimize the AVerTV windows to the Mac dock.

### Zoom

Click to change the AVerTV window size.

### Show Media Box

Open/Close the Media Box.

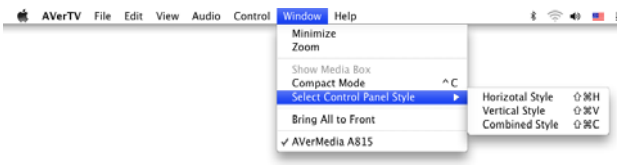
### Compact Mode / Full Mode

When in compact Mode, select **Full Mode** to display the AVerTV control panel; When in Full Mode, select **Compact Mode** to hide the AVerTV control panel.

### Compact Mode

### Full Mode

### Select Control Panel Style



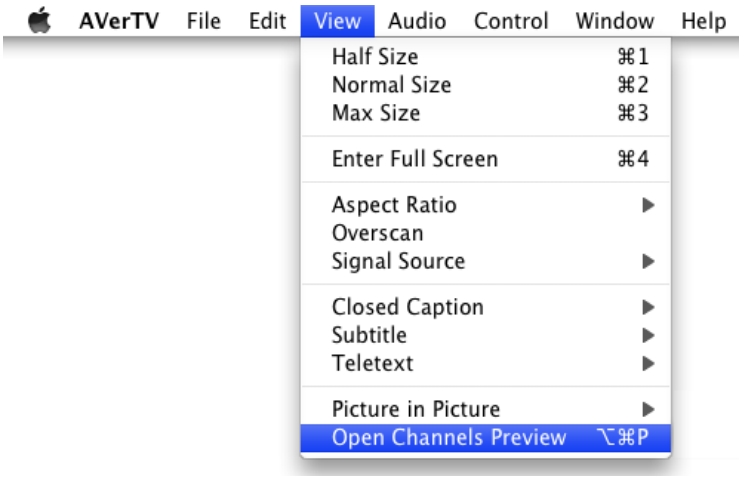

Select a control panel type you like, Horizontal, Vertical or Combined.

### Bring All to Front

Bring all AVerTV windows to the front.

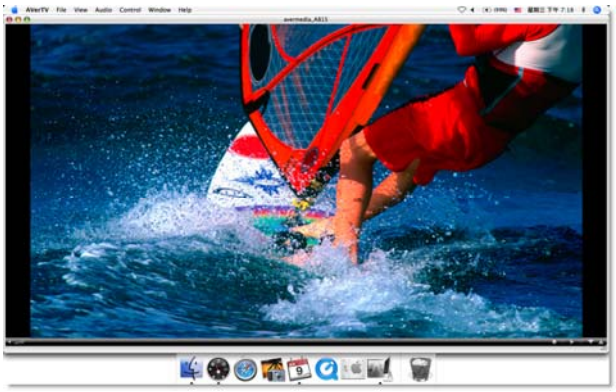
## Window Size Setting

There are 4 window size options: Half Size, Normal Size, Max Size and Full Screen. Point to the menu **View>Window Size** then select a size you want.



## Half Size

## Max Size



## Normal Size

## Full Screen

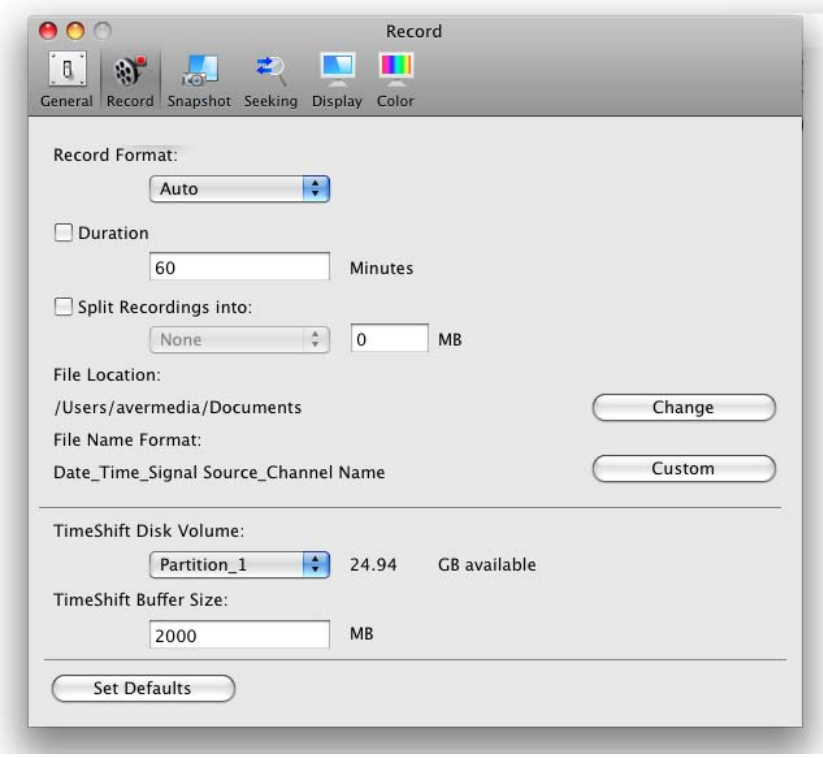
# Personal Video Recorder

You can use your Mac as a personal video recorder, and record your favorite TV programs or capture video from an external source into your hard drive. Besides, you can also divide the recording files in proper sizes to facilitate burning onto removable optical media, such as CD-R and DVD disks. Before recording, check if the settings of **Storage Setting** and **Recording Format settings** meet your needs.

## Record Storage Setting

1. Click the **Record**

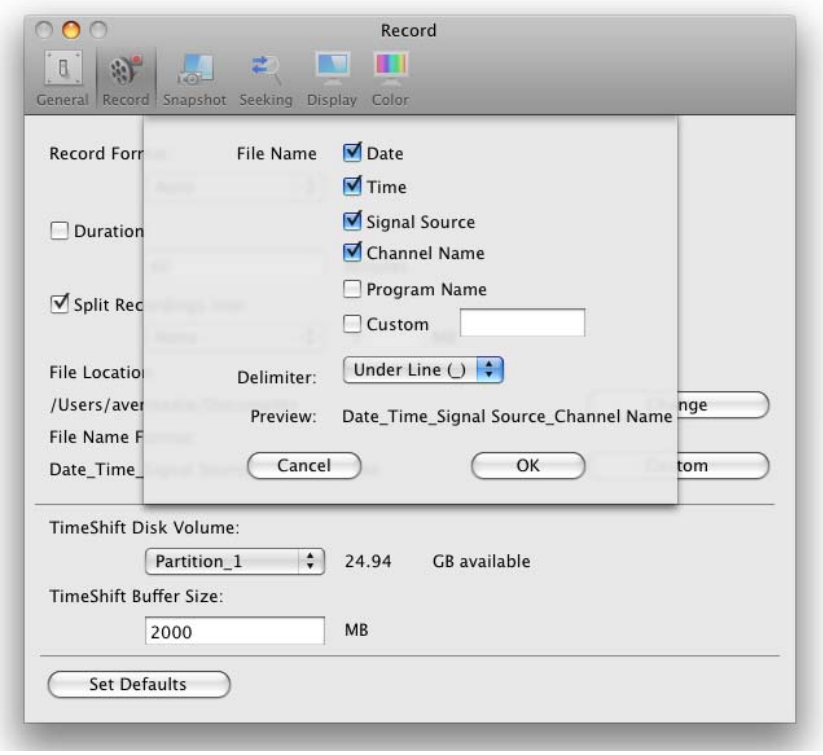
icon in the **Preference** pane.




2. By default, the system sets the recording "Date", "Time", "Signal Source" and "Channel Name" as the file name format. To create your own file name format, please click **Custom**.
3. Determine the **File Location** destination folder. Click **Change** to choose a folder you want.
4. The **Duration** option allows you to specify a recording duration; otherwise the system will record the largest clip that your hard drive can accommodate.

5. This application allows you to divide the recording files in parts for burning onto removable optical media, such as VCD (650 MB) and DVD (4096 MB) discs. Enable the **Split Recordings into:** option and select the appropriate video file size from the drop-down menu so that each video file will not exceed the limit you set. Or you can choose Custom to assign the file size you want.

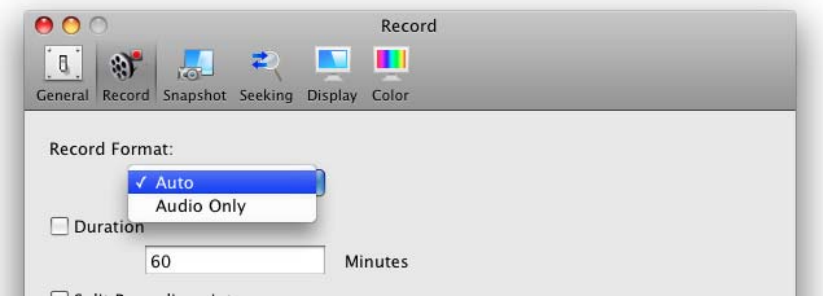
Click **Custom** button in the **File Name Format** section to custom the recording file name, you can preview the file name format from the **Preview** section.



# Recording Format settings

1. To setting the recording format settings, click the **Record**

icon in the **Preference** pane.




2. From the **Record Format** drop-down menu, determine the video file format you wish to use for saving the recorded video file.

Format Information:

| File Format | Description |
|---|---|
| Auto | Record the current program into your hard drive. |
| Audio Only | Record the audio part only of the current program into your hard drive. |

To hide the sound of the TV program when recording, click the Mute button on the Control Panel.

# Using the Recording Function

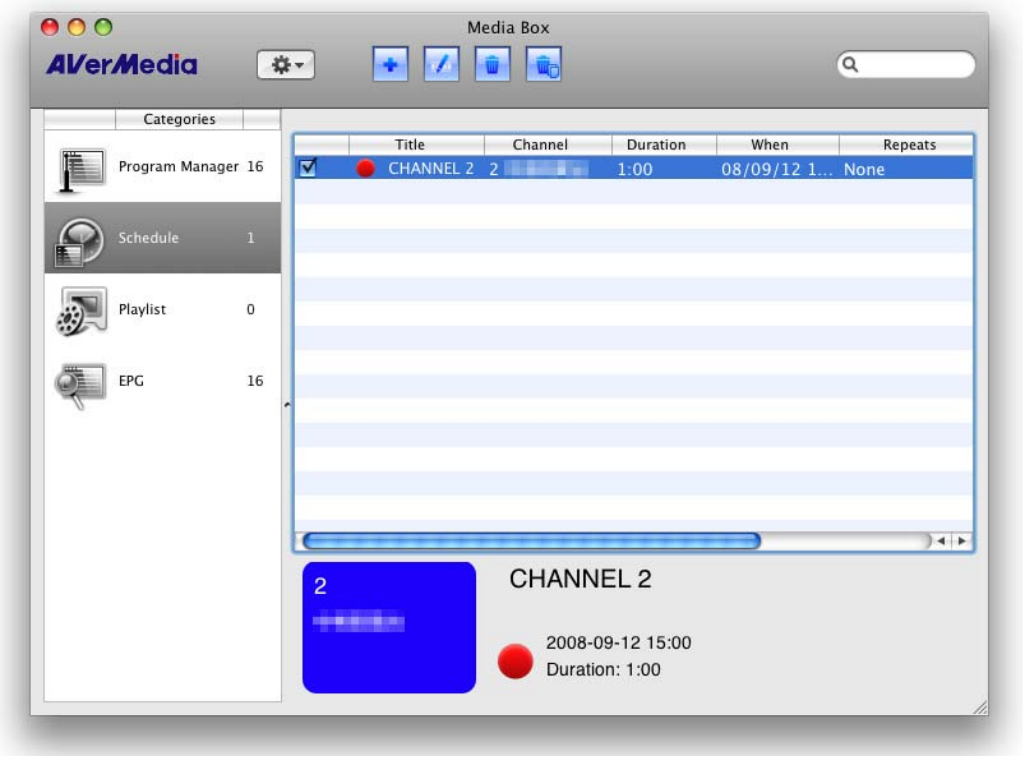
To record a TV/Radio program that you want, do the following:

1. Click the **Record** button on the Control Panel.
2. You can click the **Stop** button to terminate the recording and return to the live TV program.

OR

1. Point to menu **Control>Record** to start the recording.
2. Point to menu **Control>Stop** to terminate the recording.

# Schedule Recording



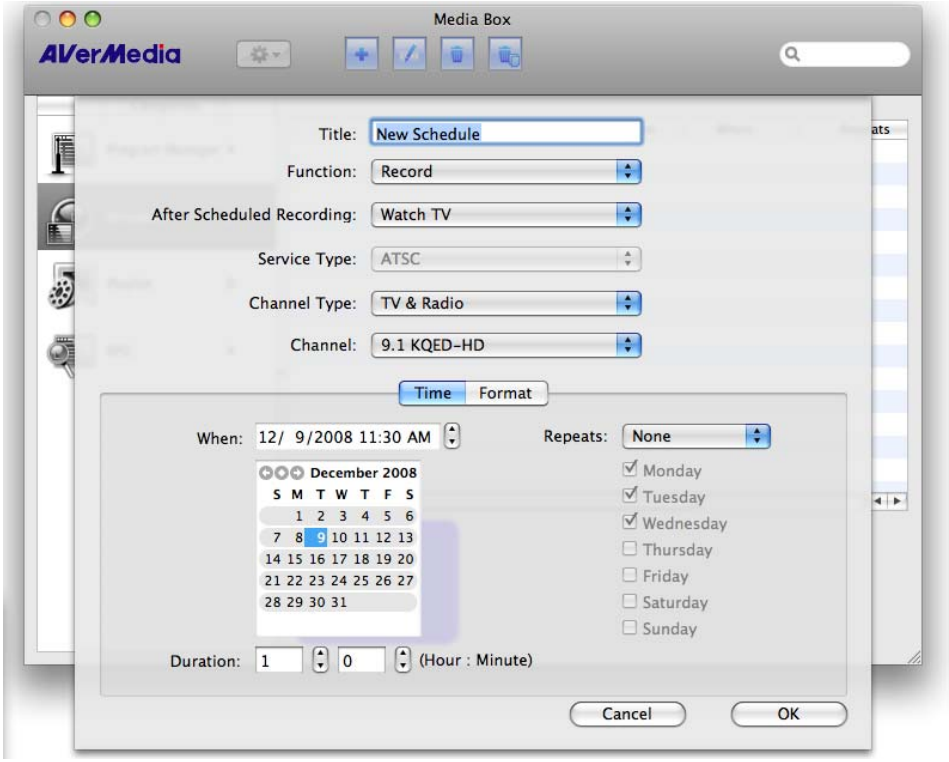

The **Schedule** allows you to create a list of preset schedules for watching and recording your favorite TV/Radio programs. You can set the day and time to record the TV/Radio program and specify the length of recording.

To open the recording schedule to add a new recording or activate the schedule, do the following:

1. Click the button.

OR

2. Point to the menu **File>New Schedule**.
3. The following dialog box will then appear:



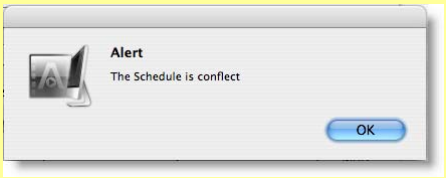

1. Type the desired name in the **Title** text box.
2. From the **Function** drop-down menu.
   - Select **Watch TV** to watch a TV program or listen to a radio broadcast.
   - Otherwise, select **Record** to save a TV/Radio program for future viewing/listening.
   - You can also select **Silent Record** which means the system will perform background recording instead of activating the TV/Radio program.
   - If you want to schedule a task to enable Timeshift function, select **Timeshift**.
3. In the **After Record** drop-down menu it automatically switches to the selected power control mode when the schedule recording is completed. Choose an appropriate power control status listed below:
   - **Watch TV:** Switch to real-time TV mode.
   - **Exit:** Turn off the AVerTV for Mac Application.
   - **Sleep:** Turn off your monitor and hard disks or save everything and then turn off your computer according to your system setting.
   - **Shut Down:** Turn off your computer.
4. Click the **Channel** list, select the channel you want to watch or record.
5. Set the schedule to tune in live TV or to perform recording. You can set the schedule repeat frequency to **None**, **Everyday**, **Weekly, Weekend** or **Custom**.
   - Choose **None** to perform schedule at a preset day and a preset time.

- Choose **Everyday** to perform schedule everyday at a preset time.
- Choose **Weekly** to perform schedule every week, at a preset day and time.
- Choose **Weekend** to perform schedule every weekend, at a preset day and time.
- Choose **Custom** to select the days you want, at a preset day and time.

6. If you choose **Watch TV** in step 4, click **OK** to complete the settings. If you choose **Record** or **Silent Record**, please do the following.
7. In the **Format** section, you can determine the file format, recording duration, file size, destination folder or audio mode.
8. Click **OK** to save the new schedule or click **Cancel** to abort the saving.

If you want to delete a selected schedule, click to delete it, or click to make changes.

If a schedule conflict alert shown on the screen, it means the schedule is conflicted with an existing schedule. You need to adjust the schedule date or time.




button contains more function:

Rename: To change the name of the selected schedule.

# Playing the Recorded Programs

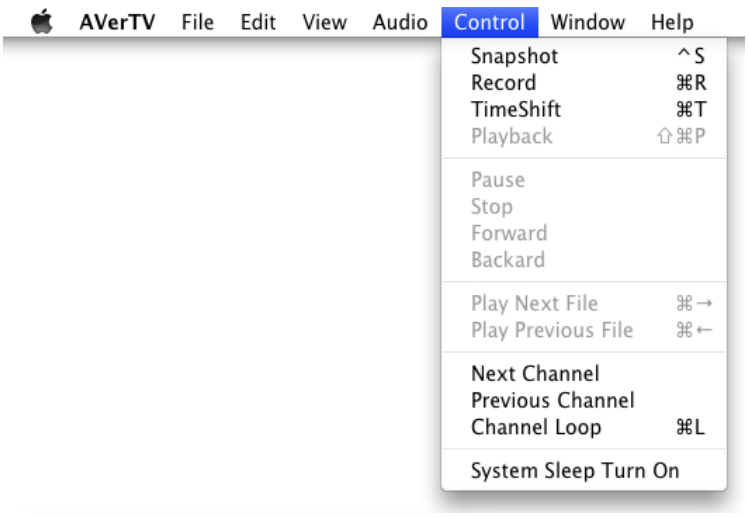
Each TV/Radio program that you recorded will be saved in the assigned destination folder. You can find the file list in **PlayList**.

To play back the recorded files:

1. Click the **Play** button in the control panel to playback.
2. Use and buttons to playback the previous and next file in the playlist.
3. Use and buttons to pause and stop the playing file.
4. When you want to rewind or forward, use the **Playback Seek** slider bar to move back or forward.

OR

5. Use the options in **Control** menu to operate the playback.



- **Playback**

Play back recorded video files.

- **Continue/Pause**

Play/Pause (for playback, recording, and TimeShift).

- **Stop**

Stop the playback, recording, TimeShift, or Channel Preview. Exit full screen back to normal view.

- **Forward**

Press to fast forward.

- **Backward**

Press to rewind.

- **Play Next File**

Play the next file in the playlist.

- **Play Previous file**

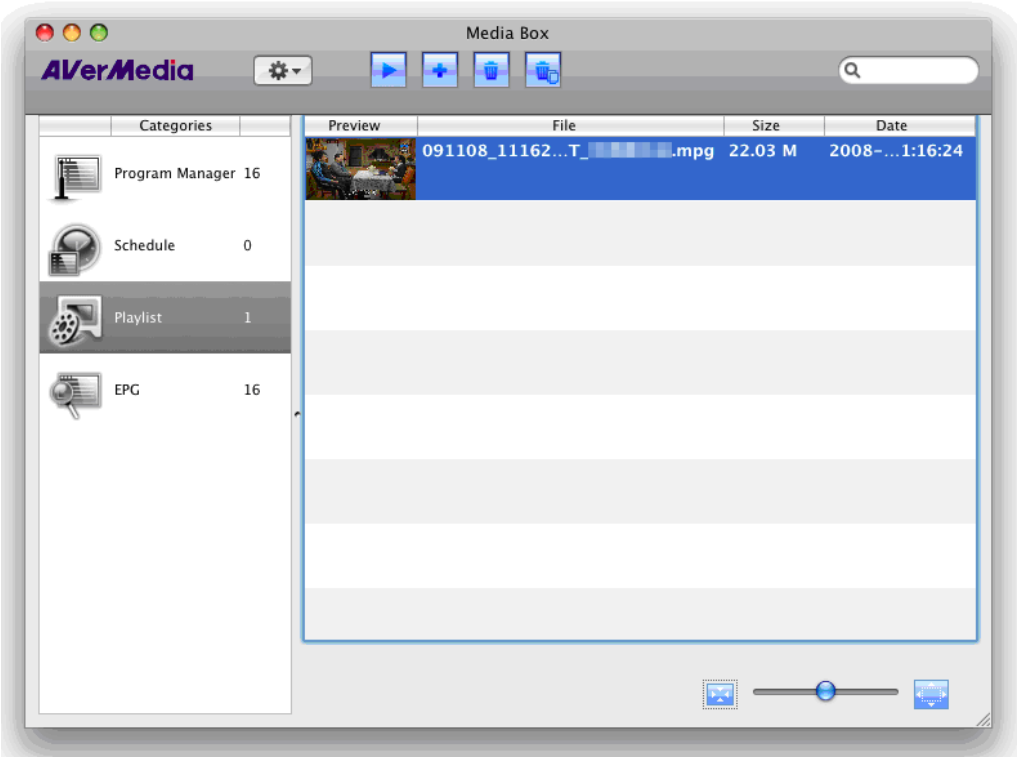
Play the previous file in the playlist.

If you want to open or customize the playlist, do the following:

1. Point to menu **File>Open Playlist** to open the playlist.

OR

1. Click **Playlist** icon in the **Media Box**.

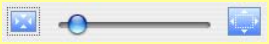



2. Click button to play back the selected files.

Click button to add a supported media file into the playlist.

3. Click button to delete the selected files from the list.

Click button to delete all files from the list.

You can change the size of the file icon by dragging the slider bar under the window  .

**button contains more function:**

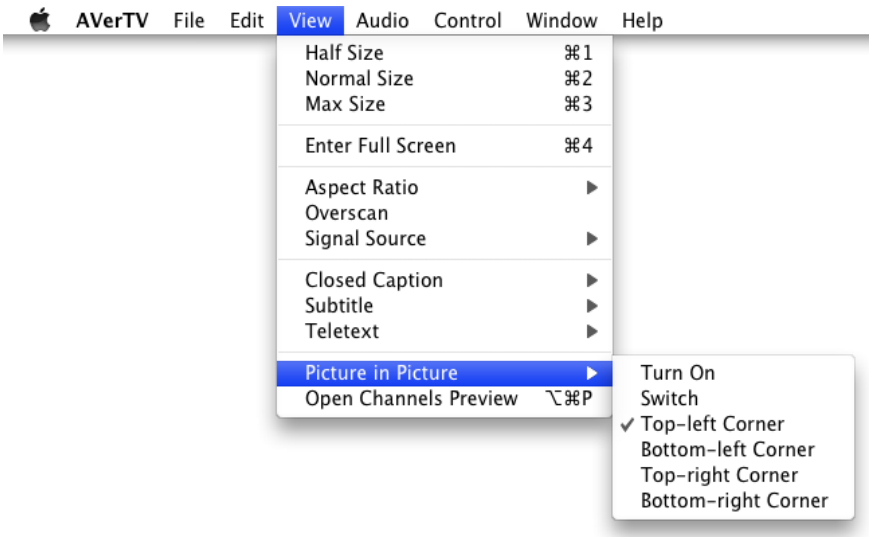
**Rename: To change the selected file name.**

**Show in Finder: Use Finder to open the folder where the file located.**

# Picture-in-Picture Display

With the picture-in-picture window feature, you will be able to play back recorded video files, and at the same time, watch live TV.

1. To enable the PIP function, point to menu **View>Picture in Picture.**




2. Choose desired position of the PIP window.
3. Select **Turn on** to enable the PIP function, and select **Close PIP** to disable the PIP function.

| Position | Description |
|---|---|
| Top-left Corner | Display the PIP window on the top-left corner |
| Bottom-left Corner | Display the PIP window on the bottom-left corner |
| Top-right Corner | Display the PIP window on the top- right corner |
| Bottom-right Corner | Display the PIP window on the bottom-right corner |
| Free | Resize the PIP window and separate it from the main window |

By default, you will be able to play back recorded video files on the main window, and at the same time, watch live TV in the PIP window. If you want to switch the video playback to the PIP window and the live TV to the main window, press the button. To exit the PIP window, press button.

# Image Capture

While you watch TV or a recorded video on your Mac monitor, you can use the **AVerTV for Mac** application to capture images for your documents, presentations or web pages. Before you start capturing images, first set the destination folder for saving captured images.

## Capture a TV/Video Image

1. Point to the menu **Control>Snapshot** to start the capturing.

OR

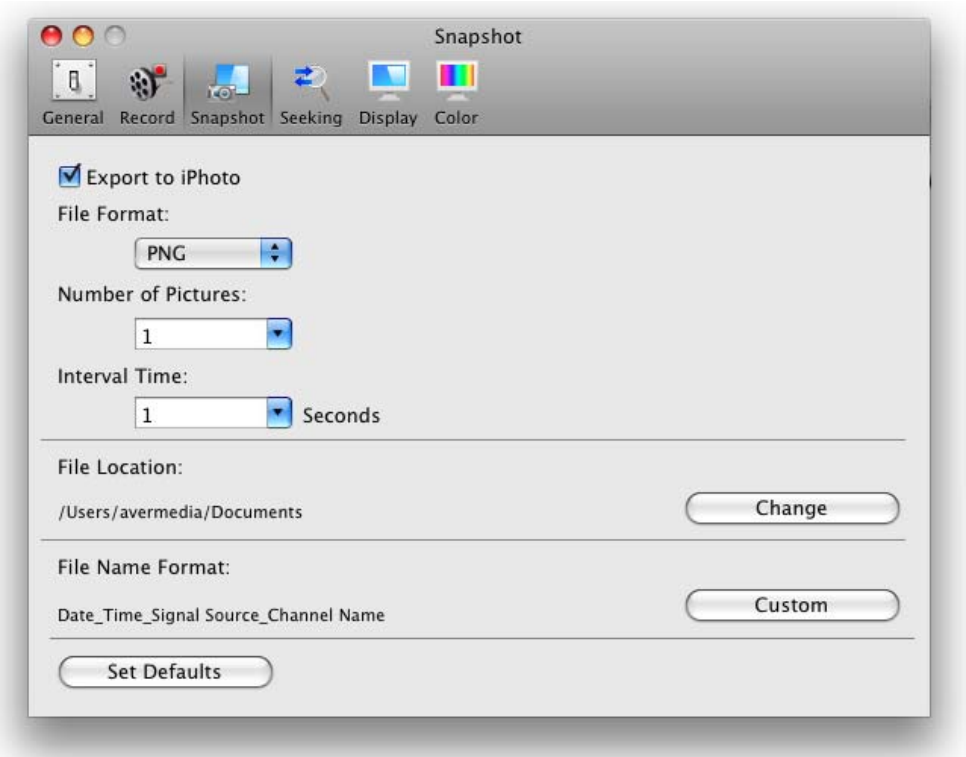
1. Click the **Sanpshot** icon in the control panel.

## Multiple Image Sequence Capture

To capture a continuous sequence of images, do the following:

1. Click the **Snapshot**

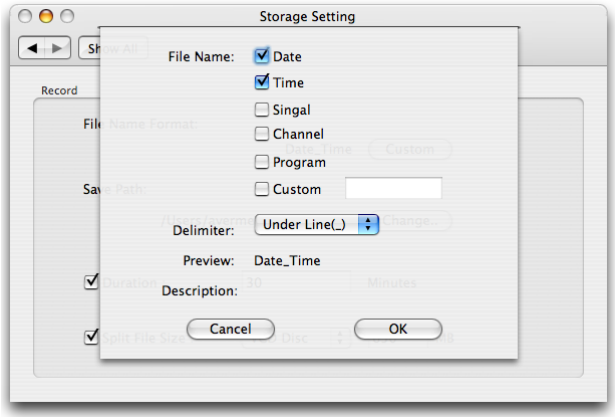
icon in the **Preference** pane.




2. Select the **Export to iPhoto** checkbox to save the captured image file to the assigned location and export to the iPhoto.

3. From the **File Format** drop-down menu, select the format for saving the captured image. There are 4 options in the **Format** list:
   - PNG
   - BMP
   - JPEG
   - TIFF
4. In the **Number of Pictures** box, specify the number of images you want to capture.
5. In the **Interval Time** box, specify the interval between captures. For instance, if you specify 10 seconds, an image will be captured every 10 seconds.
6. To determine the **File Location** destination folder for saving captured images, click **Change**.
7. To create your own file name format, click **Custom** in the **File Name Format**.

Click **Custom** button in the **File Name Format** section to custom the capture file name, you can preview the file name format from the **Preview** section.



# Other Settings

## Setting Power Options

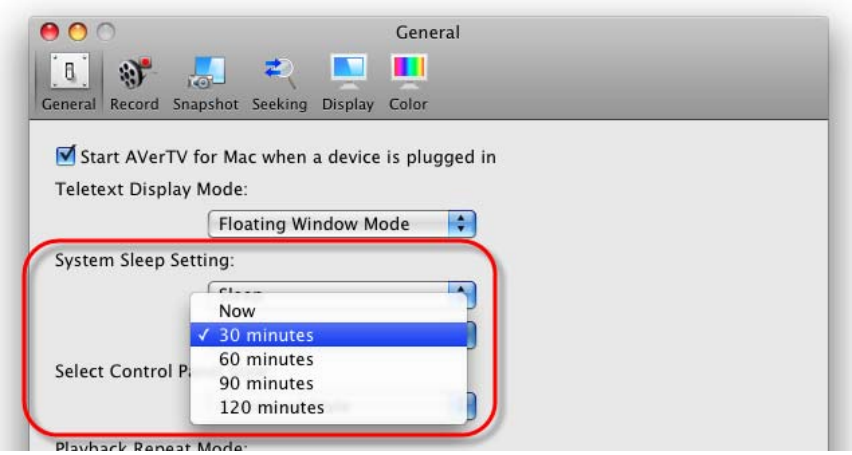
This option allows you to exit the application and put your Mac into log off, sleep mode or shut down your Mac while you are away from it.

1. Click the **General**

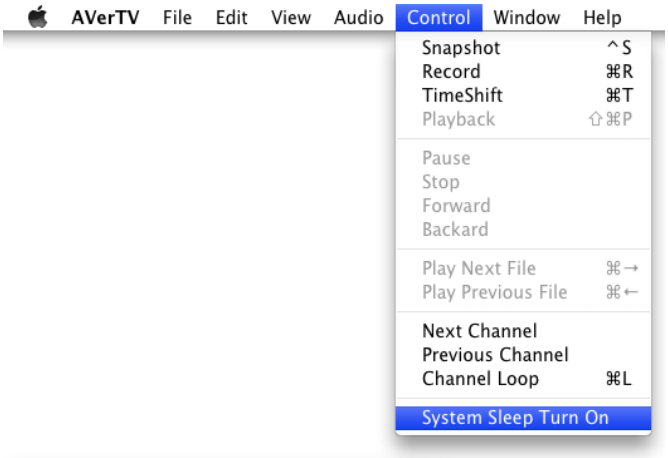
icon in the **Preference** pane.

2. Select the Sleep mode you want to use in the **System Sleep Setting** section.

3. After selected the desired sleep mode, then choose an execution time.




4. Point to the menu **Control>System Sleep Turn On.**




5. The time setting will be displayed on the TV monitor.

For details, please see the description below.

| Time setting mode | Description |
|---|---|
| Now | Your computer will go into the selected mode in about 10 seconds. |
| 30/60/90/120 Minutes | Your computer will go into the selected mode in 30/60/90/120 minutes. |

If you want to clear the countdown timer, Point to the menu **Control>System Sleep Turn Off.**

# Application Information

Display version and other information of AVerTV for Mac software.

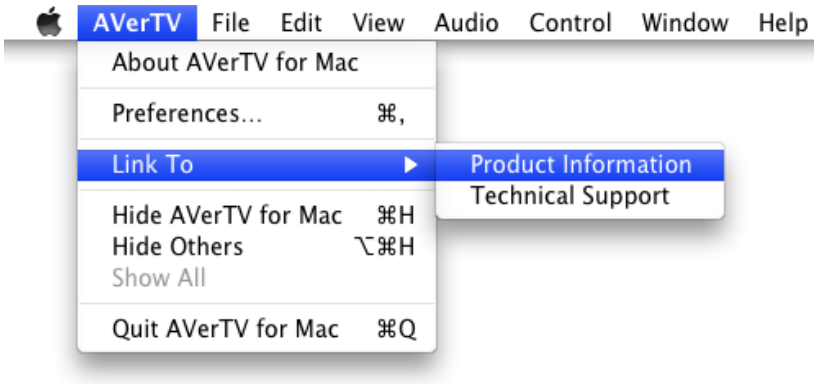
1. Point to menu **AVerTV>About AVerTV for Mac**.

2. You can check the AVerTV for Mac version here.

# Customer Support

If you need to find more supporting information, you can link to the local AVerMedia webpage.

1. Point to menu **AVerTV>Link To**.

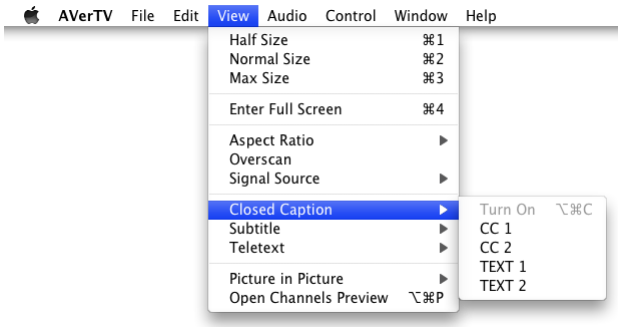



2. Select **Product Information** to link to the web page about product information or select **Technical Support** to open the support webpage. Please make sure that you have already connected to the Internet.

# Closed Caption & Subtitle

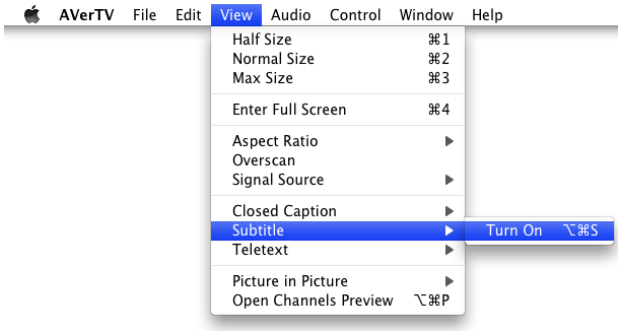
Closed Caption & Subtitle are systems to display text on a television. AVerTV for Mac supports both of them.

To enable Closed Caption function:



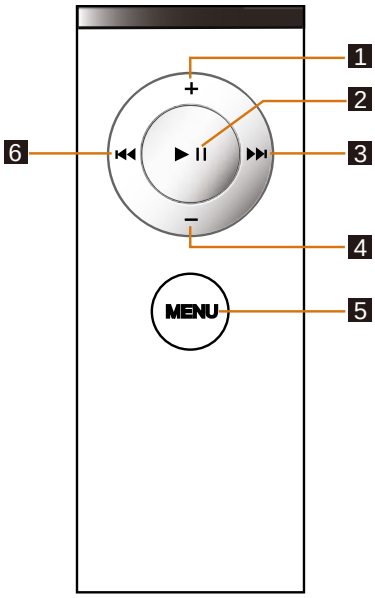

1. Point to the menu **View>Closed Caption.**
2. Select **Turn On** to display the Closed Caption information.
3. Select desired Closed Caption system.

To enable Subtitle function:




1. Point to the menu **View>Subtitle.**
2. Select **Turn On** to display the subtitle.

# Use Apple Remote to control AVerTV




1. Move the selection up/Volume up
2. Enter or execute the submenu/Play or pause
3. Enter to submenu/Play next file
4. Move the selection down/Volume down
5. Open the On Screen Menu
6. Back to upper menu/Play previous file

# Hot keys

The following is the default definition:

| Hot Key | Description |
|---|---|
| AVerTV | |
| Preference | ⌘, |
| Hide AVerAP | ⌘H |
| Hide Others | ⌥⌘H |
| Quit AVerTV | ⌘Q |
| File | |
| Add schedule | ^⌘N |
| Open Playlist | ⌘O |
| Open Program management | ⌥⌘O |
| Open Schedule | ^⌘O |
| Close Window | ⌘W |
| View | |
| Half Size | ⌘1 |
| System Default | ⌘2 |
| Max Size | ⌘3 |
| Full Screen | ⌘4 |
| Source>Next Source | ⇧⌘S |
| Subtitle>Open | ⌥⌘S |
| Teletext>Open | ⌥⌘T |
| EPG | ⌥⌘E |
| Audio | |
| Add Volume | ⌘↑ |
| Sub Volume | ⌘↓ |
| Mute | ⌥⌘↓ |

| | |
|---|---|
| Next Audio Channel | ⇧⌘A |
| **Control** | |
| Snapshot | ^S |
| Record | ⌘R |
| Pause | **Space** |
| Stop | |
| Forward | → |
| Backward | ← |
| Playback | ⇧⌘P |
| Play Next File | ⌘→ |
| Play Previous file | ⌘← |
| Next Channel | ↓ |
| Previous Channel | ↑ |
| Channel Loop | ⌘L |
| Channels Preview>Open/Close | ⌥⌘P |
| **Window** | |
| Hide Control Panel | ^C |
| Select Control Panel>Horizontal Panel | ⇧⌘H |
| Select Control Panel>Vertical Panel | ⇧⌘V |
| Select Control Panel>Combined Panel | ⇧⌘C |
| **Help** | |
| Mac Help | ⌘? |